Application No. 10/044,106

IN THE CLAIMS

Please amend the claims as follows:

1. (Original) A system of route target filtering, comprising:

An import filter receiving a plurality of routes, the plurality of routes having a next hop routing information, the import filter accepting a first subset of the routes according to an import target policy; and

A re-export filter receiving the plurality of routes, modifying the next hop information of a second subset of the routes, and distributing the modified routes.

- 2. (Original) The system as set forth in claim 1, wherein the re-export filter modifies the next hop information to be the address of a router serving as a firewall of a network.
- 3. (Original) The system, as set forth in claim 1, wherein the re-export filter modifies the next hop information to be the address of a firewall of a virtual private network.
- 4. (Original) The system, as set forth in claim 1, wherein the re-export filter comprises a mask, a value for comparison with the route, and an action to take in response to a match between the route and the comparison value.
- 5. (Original) The system, as set forth in claim 1, wherein the plurality of routes each comprises a route distinguisher, a route target, and the next hop information.
 - 6. (Original) A network, comprising:
 - a hub node:
- a plurality of spoke nodes in communications with one another via the hub node; and the hub node including:

an import filter receiving a plurality of routes, the plurality of routes having a next hop routing information, the import filter accepting a first subset of the routes according to an import target policy; and

a re-export filter receiving the plurality of routes, modifying the next hop information of a second subset of the routes, and distributing the modified routes.

- 7. (Original) The network, as set forth in claim 6, wherein the re-export filter modifies the next hop information to be the address of the hub node.
- 8. (Original) The network, as set forth in claim 6, wherein the re-export filter modifies the next hop information to be the address of the hub node serving as a firewall for the network.
- 9. (Original) The network, as set forth in claim 6, wherein the re-export filter modifies the next hop information to be the address of the hub serving as a firewall of a virtual private network.
- 10. (Original) The network, as set forth in claim 6, wherein the re-export filter comprises a mask, a value for comparison with the route, and an action to take in response to a match between the route and the comparison value.
- 11. (Original) The network, as set forth in claim 6, wherein the plurality of routes each comprises a route distinguisher, a route target, and the next hop information.
- 12. (Original) The network, as set forth in claim 6, wherein the hub node is a customer edge device coupling a site to a provider network.
 - 13. (Currently Amended) A method comprising: receiving a plurality of routes each having a next hop routing information; accepting a first subset of the plurality of routes according to a predetermined policy; modifying the next ho information of a second subset of the plurality of routes[[']]; and distributing the modified routes.
- 14. (Original) The method, as set forth in claim 13, wherein modifying the next hop information comprises modifying the next hop information to be the address of a router serving as a firewall of a network.

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- 15. (Original) The method, as set forth in claim 13, wherein modifying the next hop information comprises modifying the next hop information to be the address of a firewall of a virtual private network.
- 16. (Original) The method, as set forth in claim 13, wherein the re-export filter comprises a mask, a value for comparison with the route, and an action to take in response to a match between the route and the comparison value.
- 17. (Original) The method, as set forth in claim 13, wherein receiving the plurality of routes comprises receiving a route distinguisher, a route target, and the next hop information.